

IN THE CLAIMS:

Amend claims 1-14 as follows:

1.(Currently Amended) A device for producing electrical discharges in an aqueous medium, thesaid device comprising:

a first electrode and a second electrode, where each of thesaid electrodes comprises ~~of~~ a superalloy having a cobalt content of greater than 8% by weight, thesaid device producing a voltage discharge into the medium when a high electrical voltage is applied to thesaid electrodes, the voltage discharge creating a pressure wave in the medium.

2.(Currently Amended) The device according to claim 1, wherein thesaid superalloy has a cobalt and a nickel content of greater than 12% by weight.

3.(Currently Amended) The device according to claim 1, wherein thesaid superalloy has a tungsten content of 0.1-15% by weight.

4.(Currently Amended) The device according to claim 1, wherein thesaid superalloy has a titanium content of 0.1-5% by weight.

5.(Currently Amended) A device for producing electrical discharges in an aqueous medium, thesaid device comprising: a first electrode and a second electrode, where each of thesaid electrodes comprises ~~of~~ a superalloy having a nickel content of greater than 8% by weight, thesaid device producing a voltage discharge into the medium when a high electrical voltage is applied to thesaid electrodes, the voltage discharge creating a pressure wave in the medium.

6.(Currently Amended) The device according to claim 5, wherein thesaid superalloy has a

tungsten content of 0.1-15% by weight.

7.(Currently Amended) The device according to claim 5, wherein ~~the said~~ superalloy has a titanium content of 0.1-5% by weight.

8.(Currently Amended) A device for producing electrical discharges in an aqueous medium, ~~the said~~ device comprising: a first electrode and a second electrode, where each of ~~the said~~ electrodes comprises ~~a~~ thermal-worked steel having a vanadium content of greater than 0.05% by weight and a chromium content of greater than 1% by weight, ~~the said~~ device producing a voltage discharge into the medium when a high electrical voltage is applied to ~~the said~~ electrodes, the voltage discharge creating a pressure wave in the medium.

9.(Currently Amended) The device according to claim 8, wherein ~~the said~~ thermal-worked steel has a vanadium content of 0.07-3.5% by weight.

10.(Currently Amended) The device according to claim 8, wherein ~~the said~~ thermal-worked steel has a chromium content of 1-15% by weight.

11.(Currently Amended) The device according to claim 8, wherein ~~the said~~ thermal-worked steel has a tungsten content of 1-10% by weight.

12.(Currently Amended) A device for producing electrical discharges in an aqueous medium, ~~the said~~ device comprising: a first electrode and a second electrode, where each of ~~the said~~

electrodes comprised of a stainless steel having a chromium content of greater than 12.5% by weight, ~~thesaid~~ device producing a voltage discharge into the medium when a high electrical voltage is applied to ~~thesaid~~ electrodes, the voltage discharge creating a pressure wave in the medium.

13.(Currently Amended) The device according to claim 12, wherein ~~thesaid~~ stainless steel has a chromium content of less than 30% by weight.

14.(Currently Amended) The device according to claim 12, wherein ~~thesaid~~ stainless steel has nickel component of 2-25% by weight.

15.(Cancelled)

16.(Cancelled)

17.(Cancelled)

18.(Cancelled)

19.(Cancelled)

20.(Cancelled)

21.(Cancelled)

22.(Cancelled)

23.(Cancelled)

24.(Cancelled)

25.(Cancelled)

26.(Cancelled)

27.(Cancelled)

28.(Cancelled)